

Approved For Release 2002/06/13 : CIA-RDP69B00041R001100020001-4

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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



4

**BLACK SHIELD MISSION
BX 6732**

28 OCTOBER 1967

NPIC/R-290/67
DECEMBER 1967

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This report represents a summary of targets covered by the subject mission. Those targets which reflect no significant change in facilities from the most adequate previous mission will carry the appropriate mission number and date, prefixed by the letters "NAC," as the last entry on the photo reference line. Targets which can be identified only will carry the letters IDO as the last entry on the photo reference line.

The header line for each target contains, reading from left to right, the installation name, the geographic coordinates, the World Aeronautical Chart (WAC) number, the Basic encyclopedia (BE) number, and the NPIC target number. The COMIREX target number, when available, appears between the installation name and coordinates.

All targets are arranged 1) by country, 2) within country, 2) within country according to subject, 3) within subject by WAC area, and 4) within WAC area by geographic coordinates in ascending order.

The map base used for derivation of coordinates is the best available among these series: US Air Target Chart (Series 200), AMS (1:50,000 and 1:250,000), JOG (1:250,000), ONC (1:1,000,000), and IMW (1:1,000,000).

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (clear), SC (scattered cloud cover), HC (heavy cloud cover), H (haze), CS (cloud shadow), S (snow), O (obliquity), SD (semidarkness), GC (ground cover), CF (camouflage), and SS (small scale).

Interpretability of the photography is characterized as G (good), F (fair), or P (poor). Target coverage is denoted by the symbol T (total) or PT (partial). The mode of coverage is indicated by ST (stereo), PS (partial stereo), or NS (nonstereo).

AAA defense are divided into four categories: automatic weapons (ZPU-1, ZPU-2, and ZPU-4), light (21-75mm), medium (76-100mm), and heavy (over 100mm). Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (e.g., 6-gun AAA site, occupied/unoccupied).

For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.

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25X1D

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HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES IS OBSERVED IN NORTH VIETNAM.

A TOTAL OF 120 SA-2 SITES ARE IDENTIFIED IN NORTH VIETNAM. OF THE 120, 14 ARE OCCUPIED, 90 ARE UNOCCUPIED, AND 16 ARE IDENTIFICATION ONLY.

AN SA-2 MISSILE IS OBSERVED IN FLIGHT FOR THE FIRST TIME ON BX PHOTOGRAPHY. THE MISSILE WAS APPARENTLY FIRED FROM HA NOI SAM SITE A01-2 (133), WHICH IS IMAGED JUST SUBSEQUENT TO A LAUNCH.

AN OCCUPIED AIR WARNING RADAR FACILITY IS NEWLY IDENTIFIED 0.7 NM SSE OF PEI-LI, CHINA.

SEVEN MAJOR NORTH VIETNAM AIRFIELDS ARE OBSERVED, 6 ON CLOUD-FREE PHOTOGRAPHY OF GOOD INTERPRETABILITY.

THE MAJOR PORT FACILITIES OF HAI PHONG, CAM PHA, AND HON GAI ARE IMAGED ON CLOUD-FREE PHOTOGRAPHY OF GOOD INTERPRETABILITY. A POLTAVA LARGE-HATCH FREIGHTER IS OBSERVED AT ANCHOR IN THE ROADSTEAD WITH A DECK CARGO OF 8 LARGE CYLINDRICAL STORAGE TANKS AND 6 TRUCKS. AN ATLANT-CLASS OCEANGOING SALVAGE TUG IS OBSERVED FOR THE FIRST TIME IN NORTH VIETNAM.

A TOTAL OF 3 TARGETS IN CHINA ARE IMAGED ON OBLIQUE PHOTOGRAPHY.

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-CHINA-	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
-- ELECTRONICS/COMMUNICATIONS --					
PEI-LI AIR WARNING RADAR FACILITY 0.7 NM SSE OF PEI-LI. NEWLY IDENTIFIED SITE CONTAINS 1 EARTH MOUND AND 2 REVTMENTS. OB -- 1 PROBABLE RANGE AND AZIMUTH RADAR AND 2 PROBABLE HEIGHTFINDER RADARS. (SEE ATTACHMENT)		1908N 10841E	0618		21-C
[REDACTED] 25X1D					
-- NAVAL/PORT FACILITIES --					
PEI-LI PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]		1906N 10837E	0618	[REDACTED]	21-B
[REDACTED] 25X1D 25X1A					
VESSELS -- 1 SMALL FREIGHTER AND 17 SMALL VESSELS. [REDACTED] 25X1D 25X1A					
PAI-MA-CHING PORT FACILITIES [REDACTED]		1943N 10912E	0618		41
-NORTH VIETNAM-					
-- MISSILES --					
HAI PHONG SAM SITE B07-2 (98) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2059N 10700E	0615		111
HA NOI SAM SITE C17A-2 (161) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2037N 10557E	0616		318-B

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25X1A

25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE B17-2 (1) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2047N 10554E	0616		114-G
HA NOI SAM SITE B16-2 (162) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2049N 10557E	0616		265-C
HA NOI SAM SITE B21-2 (2) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2051N 10545E	0616		114-H
HOA BINH SAM SITE B08-2 (212) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2052N 10533E	0616		261-C
HA NOI SAM SITE A17A-2 (45) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2052N 10554E	0616		266-G
HOA BINH SAM SITE A04-2 (210) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2053N 10523E	0616		420-K
HOA BINH SAM SITE B08A-2 (245) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2053N 10535E	0616		266-J
HA NOI SAM SITE B25-2 (11) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2054N 10536E	0616		266-E
HA NOI SAM SITE A19-2 (15) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2055N 10550E	0616		266-F

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25X1A

NO FOREIGN DISSEM

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1A HA NOI SAM SITE A24-2 (19) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND 5 VAN TRAILERS, A REVETTED ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRAILERS, AND 3 MISSILE-HOLD REVETMENTS (2 OCCUPIED BY SHELTERS AND 1 UNOCCUPIED). OB -- 6 PROBABLE SA-2 MISSILES ON LAUNCHERS, A FAN SONG RADAR, 5 VAN TRAILERS, AND 2 PROBABLE VAN TRAILERS. [REDACTED] 25X1D 25X1A [REDACTED]	2056N 10543E	0616		256-F
HA NOI SAM SITE A14-2 (142) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 6 ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 6 VANS. [REDACTED] 25X1D 25X1A [REDACTED]	2056N 10558E	0616		499-B
HOA BINH SAM SITE B03-2 (249) SITE IS UNOCCUPIED. [REDACTED] 25X1D 25X1A [REDACTED]	2057N 10531E	0616		420-M
HA NOI SAM SITE A15-2 (243) SITE CONSISTS OF 5 UNREVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 4 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 4 VANS. [REDACTED] 25X1D 25X1A [REDACTED]	2057N 10554E	0616		256-N
HA NOI SAM SITE B27-2 (180) SITE IS UNOCCUPIED. [REDACTED] 25X1D [REDACTED]	2059N 10533E	0616		529

25X1A

NO FOREIGN DISSEM

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE D22-2 (152) [REDACTED] ID ONLY 25X1D	2024N 10624E	0616		379-D
HAI PHONG SAM SITE D23-2 (174) [REDACTED] ID ONLY 25X1D	2028N 10614E	0616		236-K
HA NOI SAM SITE C17B-2 (165) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2033N 10600E	0616		392-C
HA NOI SAM SITE C17-2 (147) [REDACTED] ID ONLY 25X1D	2036N 10601E	0616		269-C
HA NOI SAM SITE C16-2 (166) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2041N 10605E	0616		362-A
HAI PHONG SAM SITE A17A-2 (86) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2042N 10644E	0616		371-F
HAI PHONG SAM SITE B25-2 (230) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2044N 10622E	0616		535
HAI PHONG SAM SITE A20-2 (25) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2044N 10639E	0616		109-V
HA NOI SAM SITE C13-2 (81) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2045N 10613E	0616		393-A
HAI PHONG SAM SITE A23-2 (66) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2045N 10635E	0616		371-A

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25X1A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE A22-2 (252) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2045N 10636E	0616		371-H
HAI PHONG SAM SITE C26-2 (229) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2047N 10617E	0616		393-C
HAI PHONG SAM SITE A17-2 (34) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2047N 10642E	0616		109-W
HAI PHONG SAM SITE B27-2 (209) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2049N 10623E	0616		310-I
HAI PHONG SAM SITE A26-2 (246) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2049N 10633E	0616		220-B
HAI PHONG SAM SITE A14-2 (137) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2049N 10643E	0616		109-A1
HAI PHONG SAM SITE A14A-2 (220) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2049N 10643E	0616		109-A3
HA NOI SAM SITE B13-2 (184) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2050N 10605E	0616		531
HAI PHONG SAM SITE C27-2 (224) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2050N 10617E	0616		310-K

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE A27-2 (99) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2051N 10637E	0616		109-Z4
HA NOI SAM SITE C12-2 (88) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2052N 10611E	0616		312-C
HAI PHONG SAM SITE B28-2 (60) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2052N 10620E	0616		310-E
HAI PHONG SAM SITE A29-2 (21) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2052N 10634E	0616		109-S
HAI PHONG SAM SITE C28-2 (73) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2053N 10617E	0616		310-G
HAI PHONG SAM SITE A29A-2 (37) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2053N 10631E	0616		109-Z
HAI PHONG SAM SITE A29B-2 (236) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2053N 10633E	0616		109-Z7
HAI PHONG SAM SITE A31A-2 (219) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2054N 10635E	0616		371-B1
HAI PHONG SAM SITE A31-2 (70) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2054N 10636E	0616		371-B

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25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A33A-2 (93) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2054N 10638E	0616		109-Z3
HA NOI SAM SITE C11-2 (84) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2055N 10615E	0616		312-B
HAI PHONG SAM SITE A02A-2 (253) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2055N 10642E	0616		109-J1
HAI PHONG SAM SITE A07-2 (55) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2055N 10650E	0616		249-C
HA NOI SAM SITE B12-2 (3) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 BY A LAUNCHER ONLY) AND A CENTRAL GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR WITH 5 ASSOCIATED VANS. OB --- 5 SA-2 MISSILES, 6 LAUNCHERS, A FAN SONG RADAR, AND 5 VANS. [REDACTED] 25X1D		2056N 10604E	0616		312-A
HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AREA [REDACTED] 25X1A	[REDACTED]	2056N 10628E	0616		427-D
HAI PHONG SAM SITE A33-2 (71) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2056N 10636E	0616		371-C
HAI PHONG SAM SITE A02-2 (85) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2056N 10642E	0616		371-E

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25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A06-2 (135) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2056N 10648E	0616		249-F
HAI PHONG SAM SITE B06B-2 (139) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2057N 10651E	0616		249-G
HAI PHONG SAM SITE B06-2 (47) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2058N 10651E	0616		249-A
HAI PHONG SAM SITE B30-2 (61) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2059N 10621E	0616		310-F
HA NOI SAM SITE A11-2 (9) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 5 VANS. [REDACTED] 25X1D		2100N 10555E	0616		114-I
HA NOI SAM SITE B26-2 (189) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2101N 10532E	0616		244-F
HA NOI SAM SITE A10-2 (14) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS. [REDACTED] 25X1D		2101N 10558E	0616		114-K

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25X1A

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25X1D	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- NONE DISCERNIBLE. [REDACTED]	25X1D	2102N 10553E	0616		114-A
HOA BINH SAM SITE B04-2 (247) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2103N 10531E	0616		244-G
HA NOI SAM SITE B29-2 (17) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2104N 10539E	0616		462-K
HA NOI SAM SITE A29-2 (4) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (2 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 2 UNOCCUPIED), A GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 8 PROBABLE VAN TRAILERS, AN ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRUCKS, AND 3 MISSILE-HOLD REVETMENTS OCCUPIED BY 4 PROBABLE SHELTERS/VEHICLES. OB -- 2 PROBABLE SA-2 MISSILES, 4 LAUNCHERS, A PROBABLE FAN SONG RADAR, 2 PROBABLE VAN TRUCKS, 8 PROBABLE VAN TRAILERS, AND 4 SHELTERS/VEHICLES. [REDACTED]	25X1D	2104N 10541E	0616		462-J
HA NOI SAM SITE A31-2 (159) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 VAN TRAILERS, AND AN OCCUPIED ACQUISITION RADAR POSITION. OB -- 3 PROBABLE SA-2 MISSILES, 5 LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 5 VAN TRAILERS. [REDACTED]	25X1D	2104N 10546E	0616		112-M1

25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE A34-2 (244) SITE CONSISTS OF 4 UNREVIEWED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND AN UNREVIEWED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 VAN TRAILERS. OB -- 4 SA-2 MISSILES ON LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 5 VAN TRAILERS.	[REDACTED] 25X1D	2104N 10549E	0616		112-M2
HA NOI SAM SITE C28-2 (13) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	2105N 10529E	0616		114-J
HA NOI SAM SITE B30-2 (16) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	2106N 10539E	0616		462-L
HA NOI SAM SITE A01-2 (133) SITE CONSISTS OF 6 REVIEWED LAUNCH POSITIONS (4 OCCUPIED BY MISSILES ON LAUNCHERS AND 2 BY LAUNCHERS ONLY) AND A REVIEWED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND 4 VANS. SMOKE AT SITE INDICATES RECENT MISSILE FIRING. OB -- 4 SA-2 MISSILES, 6 LAUNCHERS, A GUIDANCE RADAR, AND 4 VANS. (SEE ATTACHMENT)	[REDACTED] 25X1D	2107N 10552E	0616		221-L
HOA BINH SAM SITE B02-2 (237) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	2108N 10525E	0616		200-G
HA NOI SAM SITE C29A-2 (211) SITE IS UNOCCUPIED.	[REDACTED] 25X1D	2108N 10527E	0616		248-C

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25X1A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE B30A-2 (43) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 OCCUPIED BY MISSILES ON LAUNCHERS, 1 BY A POSSIBLE LAUNCHER, AND 2 UNOCCUPIED), A GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND 5 VANS, AND AN ACQUISITION RADAR POSITION OCCUPIED BY 2 PROBABLE VAN TRUCKS. OB -- 3 SA-2 MISSILES ON LAUNCHERS, 1 POSSIBLE LAUNCHER, A GUIDANCE RADAR, 5 VANS, AND 2 PROBABLE VAN TRUCKS.	[REDACTED]	2108N 10535E	0616		248-B
[REDACTED] 25X1D	25X1A				
HA NOI SAM SITE A05-2 (158) SITE IS UNOCCUPIED.	[REDACTED]	2108N 10558E	0616		375-A
[REDACTED] 25X1D					
HA NOI SAM SITE A33-2 (125) SITE IS UNOCCUPIED.	[REDACTED]	2109N 10546E	0616		523
[REDACTED] 25X1D					
HA NOI SAM SITE A01A-2 (242) SITE IS UNOCCUPIED.	[REDACTED]	2109N 10551E	0616		221-D
[REDACTED] 25X1D					
HA NOI SAM SITE B33-2 (64) SITE IS UNOCCUPIED.	[REDACTED]	2110N 10544E	0616		411-A
[REDACTED] 25X1D					
HA NOI SAM SITE B04-2 (5) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED BY MISSILES ON LAUNCHERS AND 1 UNOCCUPIED) AND A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR WITH 5 ASSOCIATED VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS.	[REDACTED]	2111N 10559E	0616		206-E
[REDACTED] 25X1D					

SECRET

NO FOREIGN DISSEM

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NO FOREIGN DISSEM

25X1A

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C30D-2 (92) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2112N 10530E	0616		262-B
HA NOI SAM SITE C30-2 (7) [REDACTED] ID ONLY 25X1D		2113N 10521E	0616		200-C
HA NOI SAM SITE B34A-2 (234) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS AND 2 UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND 5 PROBABLE VAN TRAILERS. OB -- 4 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 5 PROBABLE VAN TRAILERS. [REDACTED] 25X1D		2113N 10545E	0616		411-C
HA NOI SAM SITE B01A-2 (124) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2114N 10553E	0616		524
HA NOI SAM SITE B32-2 (146) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2115N 10535E	0616		262-E
HA NOI SAM SITE B01-2 (119) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2117N 10553E	0616		326-K
HA NOI SAM SITE C33-2 (120) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2118N 10537E	0616		241-I
HA NOI SAM SITE C32-2 (143) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2119N 10531E	0616		241-J

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NO FOREIGN DISSEM

25X1A

NPIC/R-290/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C02-2 (56) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2122N 10558E	0616		204-B
HA NOI SAM SITE D31B-2 (29) [REDACTED] ID ONLY 25X1D		2123N 10520E	0616		378-C
HA NOI SAM SITE D31C-2 (131) [REDACTED] ID ONLY 25X1D		2124N 10517E	0616		525
HA NOI SAM SITE C01-2 (53) [REDACTED] ID ONLY 25X1D		2125N 10551E	0616		414-A
HA NOI SAM SITE C01B-2 (128) [REDACTED] ID ONLY 25X1D		2128N 10552E	0616		513-B
HA NOI SAM SITE C01E-2 (205) [REDACTED] ID ONLY 25X1D		2128N 10555E	0616		513-D
HA NOI SAM SITE C01A-2 (63) [REDACTED] ID ONLY 25X1D		2129N 10554E	0616		415-A
HA NOI SAM SITE C01D-2 (195) [REDACTED] ID ONLY 25X1D		2130N 10552E	0616		242-S
HAI PHONG SAM SITE C30-2 (72) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2101N 10619E	0616		370-B
HAI PHONG SAM SITE B36-2 (251) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2102N 10641E	0616		109-Z8
HAI PHONG SAM SITE B01A-2 (121) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2102N 10642E	0616		109-X1

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NO FOREIGN DISSEM

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25X1A

NPIC/R-290/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE B01-2 (35) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2102N 10643E	0616		109-X
HAI PHONG SAM SITE B34-2 (104) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2104N 10634E	0616		309-A
HAI PHONG SAM SITE C32A-2 (59) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2106N 10622E	0616		302-B
HAI PHONG SAM SITE C32-2 (58) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2106N 10623E	0616		302-A
HAI PHONG SAM SITE B33-2 (38) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2107N 10630E	0616		109-Z1
HA NOI SAM SITE B07-2 (95) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2108N 10609E	0616		206-G
HA NOI SAM SITE B07A-2 (148) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2109N 10608E	0616		206-G1
HA NOI SAM SITE C06A-2 (78) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2115N 10616E	0616		238-J
HA NOI SAM SITE C07-2 (30) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2116N 10619E	0616		238-G

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NO FOREIGN DISSEM

25X1A

NPIC/R-290/67
Target Numbers

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C05-2 (62) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2117N 10605E	0616		206-F
HA NOI SAM SITE B04A-2 (186) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2118N 10602E	0616		206-F1
HA NOI SAM SITE D06-2 (105) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2118N 10621E	0616		496-A
HA NOI SAM SITE C03A-2 (141) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2119N 10602E	0616		204-D
HA NOI SAM SITE C06-2 (32) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2119N 10615E	0616		238-H
HA NOI SAM SITE C04A-2 (57) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2120N 10608E	0616		238-I
HA NOI SAM SITE C03-2 (138) SITE IS UNOCCUPIED. [REDACTED]	25X1D	2121N 10600E	0616		204-C
HA NOI SAM SITE C03B-2 (167) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3 POSSIBLY OCCUPIED BY MISSILES ON LAUNCHERS AND 3 UNOCCUPIED). OBLIQUITY PRECLUDES IDENTIFICATION OF ELECTRONICS EQUIPMENT. OB -- 3 POSSIBLE SA-2 MISSILES ON LAUNCHERS. [REDACTED]	25X1D	2121N 10600E	0616		204-E

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25X1A

NO FOREIGN DISSEM

NPIC/R-290/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C05B-2 (171) [REDACTED] ID ONLY 25X1D	[REDACTED]	2122N 10615E	0616	[REDACTED]	201-A
HA NOI SAM SITE E07-2 (31) [REDACTED] ID ONLY 25X1D		2122N 10635E	0616		397-D
HAI PHONG SAM SITE D35A-2 (97) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2123N 10634E	0616		397-F
HA NOI SAM SITE C04-2 (54) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2124N 10611E	0616		211-E
HA NOI SAM SITE D04-2 (33) [REDACTED] ID ONLY 25X1D		2125N 10612E	0616		211-C
VINH SAM SITE C32B-2 (149) SITE IS UNOCCUPIED. [REDACTED] 25X1D		1859N 10518E	0617		283-B
-- AIR INSTALLATIONS --					
TIEN YEN AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D	25X1A	2119N 10725E	0615	[REDACTED]	104-B
OB -- NONE OBSERVED. [REDACTED] 25X1D	25X1A				
HANOI/BAC MAI AIRFIELD 25X1D RUNWAY IS SERVICEABLE. 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D	[REDACTED]	2059N 10550E	0616	[REDACTED]	112-E
OB -- AT LEAST 2 STRAIGHT-WING IN HANGAR. [REDACTED] 25X1D					

SECRET
NO FOREIGN DISSEM

25X1A

NPIC/R-290/67

25X1D	Target	25X1A	Coordinates	WAC	Target Numbers	
					BE	NPIC
HAI PHONG/KIEN AN AIRFIELD		25X1D [REDACTED]	2048N 10636E	0616		109-B
CRATERS ON RUNWAY ARE REPAIRED. RUNWAY IS SERVICEABLE.						
NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]						
[REDACTED] OB -- NONE OBSERVED.						
[REDACTED] 25X1D		25X1A				
HAI PHONG/CAT BI AIRFIELD	25X1D	25X1D [REDACTED]	2049N 10643	0616		109-A
3.5 NM SE OF HAI PHONG.						
NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]						
RUNWAY IS UNSERVICEABLE DUE TO BOMB DAMAGE.						
OB -- 2 COLT (1 POSSIBLY DAMAGED AND 1 PARTIALLY CAMOUFLAGED).						
[REDACTED] 25X1D						
THO KHOI HELICOPTER DISPERSAL AREA			2100N 10554E	0616		533
2.2 NM SE OF HANOI/GIA LAM AIRFIELD AT UTM WJ950240.						
NO FACILITIES OBSERVED.						
OB -- 2 HOUND.						
[REDACTED] 25X1D		25X1A				
HOA LAC AIRFIELD		[REDACTED]	2101N 10530E	0616		244-D
CRATERS ON RUNWAY ARE REPAIRED. RUNWAY IS PROBABLY SERVICEABLE.						
NO SIGNIFICANT CHANGE IN FACILITIES SINCE BX 6725, 4 OCT 67.						
OB -- 2 DELTA-WING DECOY AND 2 FAGOT/FRESCO WITHOUT TAIL SECTIONS.						
[REDACTED] 25X1D		25X1A				
HANOI/GIA LAM AIRFIELD		25X1D [REDACTED]	2102N 10553E	0616		114
NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]						
[REDACTED] 25X1D						
OB -- 2 FAGOT/FRESCO, 1 CAB, 1 PROBABLE T-28, AND 1 CAB WITH WINGS REMOVED.						
[REDACTED] 25X1D						

NO FOREIGN DISSEM

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HOA LAC HELICOPTER DISP AREA HELICOPTER DISPERSAL AREA AT UTM XJ425315 SUBJECTED TO AIRSTRIKES. NO FACILITIES OBSERVED. OB -- 2 DESTROYED HOOK AND 3 DAMAGED/DESTROYED HOUND. [REDACTED] 25X1D [REDACTED] 5X1J	2105N 10524E	0616		541
HA NOI HELICOPTER DISPERSAL AREA NO FACILITIES OBSERVED. OB -- 1 HOOK. [REDACTED] 25X1D	2105N 10549E	0616		112-Q4
TONG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D	2106N 10527E	0616	25X1A	248-A
PHUC YEN AIRFIELD RUNWAY IS PROBABLY UNSERVICEABLE. AT LEAST 2 OF THE COVERED REVETMENTS ON THE MAIN PARKING APRONS HAVE BEEN DESTROYED. AN ADDITIONAL COVERED REVETMENT IS OBSERVED ALONG THE ACCESS TAXIWAY TO THE DISPERSAL AREA NORTH OF THE AIRFIELD. OB -- 3 FISHBED, 3 FAGOT/FRESCO, 3 POSSIBLE SMALL AIRCRAFT, AND 1 HOUND AT OLD AIRFIELD. [REDACTED] 25X1D	2113N 10548E	0616		326-C
KEP HA AIRFIELD 3 NM EAST OF KEP HA. 3,200 FT 70 FT NE/SW PACKED EARTH/MACADAM RUNWAY, UNSERVICEABLE. FACILITIES CONSISTS OF AN EARTHEN PARALLEL LOOP TAXIWAY WITH 2 CROSSOVER LINKS, 12 AIRCRAFT REVETMENTS IN DISPERSAL AREA TO THE SE, AND 3 AIRCRAFT PARKING REVTMENTS BEHIND SUPPORT FACILITIES TO NW. SUPPORT FACILITIES CONSISTS OF A SEVERELY DAMAGED OPERATIONS BUILDINGS, 2 SUPPORT BUILDINGS AT AIRFIELD, AND 6 SUPPORT/STORAGE BUILDINGS IN DISPERSED STORAGE AREA	2122N 10640E	0616		397

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NO FOREIGN DISSEM

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AROUND 2 LOOP ROADS TO NW OF RUNWAY. OB -- 1 PROBABLE DERELICT STRAIGHT-WING AIRCRAFT IN REVEITEMENT.</p> <p>[REDACTED] 25X1D 25X1A</p> <p>KEP AIRFIELD</p> <p>[REDACTED] ID ONLY 25X1D [REDACTED]</p> <p>LANG SON AIRFIELD 1 NM SE OF LANG SON. 3,700 X 250 FT NNW/SSE SOD RUNWAY WITH LANDING LIGHTS, SERVICEABLE. FACILITIES CONSISTS OF 17 EARTHEN AIRCRAFT REVETMENTS AND A SUPPORT AREA SE OF RUNWAY WITH 1 ADMINISTRATION BUILDING, 2 BARRACKS, 1 L-SHAPED AND 6 SMALL SUPPORT BUILDINGS, AND A WEATHER STATION. OB -- NONE.</p> <p>[REDACTED] 25X1D 25X1D</p> <p>LAO CAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. OB -- NONE OBSERVED. 25X1D</p> <p>[REDACTED] 25X1D</p> <p>CAO BANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. OB -- NONE OBSERVED. 25X1D</p> <p>[REDACTED]</p> <p>-- MILITARY INSTALLATIONS --</p> <p>[REDACTED] 25X1D</p> <p>HA NOI POSSIBLE BARRACKS AREA BAC MAI</p> <p>[REDACTED]</p>	<p>2124N 10616E</p> <p>2150N 10646E</p> <p>2228N 10358E</p> <p>2239N 10616E</p> <p>2059N 10550E</p>	<p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>25X1A</p> <p>211</p> <p>119-A</p> <p>5-A</p> <p>104</p> <p>112-F</p>	

NO FOREIGN DISSEM

NPIC/R-290/67

Target		Coordinates	WAC	Target Numbers	
				BE	NPIC
PHU YEN MILITARY INSTALLATION		2048N 10542E	0616		345
[REDACTED]	25X1D				
THUONG LAM MILITARY AREAS		2049N 10539E	0616		230-A
[REDACTED]	25X1D			25X1A	
NINH DUONG ARMY BARRACKS SW NGA MY		2051N 10545E	0616	[REDACTED]	265
[REDACTED]	25X1D				
VAN TRAI MILITARY AREAS		2052N 10552E	0616		266-B
3 MILITARY AREAS IN VICINITY OF VAN TRAI.	25X1D				
AREA A (UTM WJ881076) -- NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE [REDACTED]					
[REDACTED]					
AREA B (UTM WJ899078) -- CLOUD COVERED.	25X1D				
AREA C (UTM WJ902703) -- NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]					
[REDACTED]	25X1D			25X1A	
[REDACTED]	25X1D				
XUAN MAI ARMY BARRACKS SSW		2053N 10534E	0616		261
[REDACTED]	25X1D				
THUONG DINH ARMY BARRACKS NORTH		2054N 10551E	0616		266
2.2 NM NORTH OF VAN TRAI AT UTM WJ888118.					
SUBJECTED TO AIRSTRIKES, AREA NOW CONSISTS OF 1 ADMINISTRATION BUILDING, 11 BARRACKS, 1 MESSHALL, 6 STORAGE BUILDINGS, 2 PROBABLE AMMUNITION STORAGE BUILDINGS, AND 14 SUPPORT BUILDINGS.					
[REDACTED]	25X1D				
CHUC SON ARMY BARRACKS NORTH		2056N 10542E	0616		256-C
[REDACTED]	25X1D				

25X1A

NO FOREIGN DISSEM

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
XUAN MAI ARMY BARRACKS NNW HOA MUC 2.8 NM NNW OF XUAN MAI AT UTM WJ595160. EIGHT BUILDINGS REMAIN INTACT. ALL OTHERS HAVE BEEN DISMANTLED OR DESTROYED. [REDACTED] 25X1D	2057N 10534E	0616		261-A
HA DONG ARMY BARRACKS SW [REDACTED] 25X1D	2057N 10545E	0616		256
HA DONG ARMY BARRACKS [REDACTED] 25X1D	2058N 10546E	0616		256-B
GIAP NHAT SUPPLY & MAINTENANCE FACILITY 25X1D [REDACTED]	2058N 10550E	0616		256-K
HA NOI BARRACKS AREA GIAP LUC 1 NM SOUTH OF HA NOI AT UTM WJ887200. FACILITY CONSISTS OF 3 AREAS. AREA A (SERVED BY ROUTE 1A) -- SUBJECTED TO AIRSTRIKES, BARRACKS AREA CONTAINS 56 BARRACKS (3 DAMAGED), 1 MESSHALL, AND 46 SUPPORT BUILDINGS (3 DAMAGED). AREA B -- STORAGE AREA CONTAINS 10 STORAGE BUILDINGS AND 9 SUPPORT BUILDINGS. AREA C -- ADMINISTRATION AREA CONTAINS 8 ADMINISTRATION BUILDINGS AND 16 SUPPORT BUILDINGS. [REDACTED] 25X1D	2058N 10551E	0616		112-E2
DAI MO ARMY BARRACKS WSW [REDACTED] 25X1D	2059N 10543E	0616		256-E
HA NOI ARMY BARRACKS BAC MAI AIRFIELD NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE [REDACTED] 25X1D [REDACTED] 25X1D	2059N 10549E	0616		112-G

25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG [REDACTED] 25X1D	2048N 10638E	0616	[REDACTED]	109-G
HAI PHONG ORDNANCE DEPOT KIEN AN [REDACTED] 25X1D	2048N 10638E	0616	[REDACTED]	260-B
HAI PHONG ARMY BARRACKS KIEN AN [REDACTED] 25X1D	2049N 10638E	0616	[REDACTED]	109-F
HAI PHONG ARMY BARRACKS SE CAT BI [REDACTED] 25X1D	2049N 10642E	0616	[REDACTED]	109-A2
LOI DONG ARMY BARRACKS [REDACTED] 25X1D	2053N 10636E	0616	[REDACTED]	225
HAI PHONG ARMY BARRACKS NORTH [REDACTED] 25X1D	2053N 10641E	0616	[REDACTED]	109-J
BAN YEN NHAN ARMY BARRACKS [REDACTED] 25X1D	2056N 10602E	0616	[REDACTED]	312
HAI DUONG BARRACKS WEST THREE SEPARATELY FENCED BARRACKS AREAS 1.6 NM WSW OF HAI DUONG AT UTM XJ361153. ALL AREAS HAVE BEEN SUBJECTED TO AIR STRIKES. AREA A (WEST AREA) -- 1 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION BUILDING, AND 3 STORAGE BUILDINGS. AREA B (CENTRAL AREA) -- 5 DESTROYED, 1 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 5 MISCELLANEOUS BUILDINGS. AREA C (EAST AREA) -- 6 DESTROYED BARRACKS, 1 DESTROYED	2056N 10619E	0616	[REDACTED]	310-A

NO FOREIGN DISSEM

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NPIC/R-290/67
Target Numbers

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MESSHALL, 1 UNDAMAGED ADMINISTRATION BUILDING. [REDACTED] 25X1D			25X1A	
HAI DUONG MILITARY INSTALLATION 1.5 NM ESE OF HAI DUONG AT UTM XJ415155. FENCE-SECURED INSTALLATION CONTAINS 2 BARRACKS, 2 VEHICLE SHEDS, 1 ADMINISTRATION/SUPPORT BUILDING (WITH ROOF PARTIALLY REMOVED), 1 PARTIALLY DISMANTLED, REVETTED STORAGE BUILDING, AND 3 SUPPORT BUILDINGS. [REDACTED] 25X1D	2056N 10621E	0616	[REDACTED]	310-C
HAI DUONG BARRACKS NORTH 1.5 NM NORTH OF HAI DUONG AT UTM XJ387183. SECURED AREA HAS BEEN SUBJECTED TO AIRSTRIKES. AREA CONTAINS 3 DESTROYED AND 1 DAMAGED BARRACKS, 1 DAMAGED H-SHAPED MESSHALL, 3 DAMAGED REVETTED STORAGE BUILDINGS, 2 DAMAGED VEHICLE SHEDS, AND 2 UNDAMAGED SUPPORT BUILDINGS. [REDACTED] 25X1D	2057N 10620E	0616	[REDACTED]	310-B
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE [REDACTED] 25X1D	2122N 10301E	0616	[REDACTED]	105-A
SON DONG MILITARY BARRACKS SW [REDACTED] 25X1D	2100N 10529E	0616	[REDACTED]	247
HA NOI MILITARY STORAGE AREA PHU THI 7 NM EAST OF HA NOI RR CLASSIFICATION YARD AT UTM XJ005230. A LARGE FENCED AREA CONTAINS 33 WAREHOUSE-TYPE BUILDINGS (1 VENTED), 20 OTHER BUILDINGS, AND LIMITED OPEN STORAGE. A SECOND FENCED AREA CONTAINS 6 WAREHOUSE-TYPE BUILDINGS AND 9 OTHER BUILDINGS. [REDACTED] 25X1D	2100N 10558E	0616	[REDACTED]	499

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25X1A

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI AREA ARMY BARRACKS WEST YEN LANG [REDACTED] 25X1D	2101N 10549E	0616	[REDACTED]	112-I
YEN SO BARRACKS AREA [REDACTED] 25X1D	2102N 10540E	0616		462-G
HA NOI VEHICLE & RADAR MAINTENANCE FACILITY 25X1D 5.1 NM WNW OF HA NOI AT UTM WJ892270. FACILITY IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OB -- 1 PROBABLE FIRE CAN RADAR, 4 PROBABLE VAN TRUCKS, AND 8 UNIDENTIFIED VEHICLES. 25X1D	2102N 10545E	0616		462-A
[REDACTED] 25X1A				
HA NOI ARMY BARRACKS WNW MAI DICH 25X1D [REDACTED]	2102N 10545E	0616		462-A1
HA NOI ARMY BARRACKS WEST MAI DICH 25X1D [REDACTED] 25X1D	2102N 10546E	0616		112-L
HA NOI PROBABLE MILITARY AREA [REDACTED] 25X1D	2102N 10548E	0616		112-R1
HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ [REDACTED]	2102N 10550E	0616		112-A
SON DONG ARMY BARRACKS AND SCHOOL 25X1D [REDACTED]	2103N 10531E	0616		244-A

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NO FOREIGN DISSEM

25X1A

NPIC/R-290/67

Target		Coordinates	WAC	Target Numbers	
				BE	NPIC
DAN HOI ARMY BARRACKS SOUTH	25X1D	2103N 10543E	0616		462-C
HA NOI ARMY BARRACKS NE GIA THUONG	25X1D	2103N 10552E	0616		114-E
HA NOI ARMY BARRACKS NNW THUY PHUONG	25X1D	2104N 10546E	0616		112-M
DONG LAC ARMY BARRACKS 0.8 NM WEST OF DAN PHUONG ON EAST BANK OF THE SONG DAY (RIVER) AT UTM WJ677317. BARRACKS AREA CONTAINS 1 ADMINISTRATION BUILDING, 16 BARRACKS, 1 LARGE STORAGE BUILDING, AND 8 SMALLER STORAGE/SUPPORT BUILDINGS. SECURED AREA IMMEDIATELY NORTH CONTAINS 2 LARGE STORAGE (1 REVETTED) AND 2 SMALL SUPPORT BUILDINGS.	25X1D	2105N 10539E	0616		426-E
SON TAY ARMY BARRACKS SW TONG	25X1D	2107N 10528E	0616		248
KINH NO MILITARY INSTALLATION	25X1D	2107N 10551E	0616		221-H
BINH HA BARRACKS AREA	25X1D	2107N 10557E	0616		297
XOM CHAN DA MILITARY INSTALLATION TWO AREAS REFERENCED FROM XOM CHAN DA. AREA A (1.4 NM NW AT UTM WJ206387) -- AT LEAST 10 BUILDINGS ARE DESTROYED/DISMANTLED. AREA APPEARS ABANDONED. FOUR BARRACKS AND 1 ADMINISTRATION BUILDING		2109N 10511E	0616		385-B

SECRET

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
REMAIN. AREA B (IN XUM CHAN DA AT UTM WJ222369) -- 7 STORAGE BUILDINGS ADJACENT TO A LARGE HILL. [REDACTED] 25X1D			25X1A	A
NGUYEN KHE STORAGE AREA TOWN 1 NM SOUTH OF NGUYEN KHE AT UTM WJ886395. ENTIRE STORAGE AREA REMAINS DESTROYED/DISMANTLED. A NEW RAIL SPUR HAS BEEN CONSTRUCTED IN THE RAIL YARD AND 2 OTHER SPURS ARE IN AN EARLY STAGE OF CONSTRUCTION. RECENT EXCAVATING ON THE LONGEST YARD ACCESS SPUR INDICATES ALL 3 SPURS MAY BE DUAL/STANDARD-GUAGE TRACK TO COINCIDE WITH THE MAIN RAIL LINE. [REDACTED] 25X1D	2109N 10551E	0616	[REDACTED]	221-D
KINH NO MV REPAIR PLANT CUONG NO [REDACTED] 25X1D	2109N 10551E	0616	[REDACTED]	221-F
HUNG NHI MILITARY BARRACKS [REDACTED] 25X1D	2113N 10512E	0616	[REDACTED]	385-A
PHUC YEN ARMY BARRACKS [REDACTED] 25X1D	2113N 10542E	0616	[REDACTED]	326-B
HUNG HOA ARMY BARRACKS AND SUPPLY DEPOT [REDACTED] 25X1D	2115N 10517E	0616	[REDACTED]	385
PHUC YEN AIRFIELD BARRACKS [REDACTED] 25X1D	2116N 10549E	0616	[REDACTED]	326-I

SECRET

NO FOREIGN DISSEM

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
THANH TRI BARRACKS AREA [REDACTED] 25X1D	2117N 10546E	0616		224-D
DA PHUC MILITARY CAMP SW [REDACTED] 25X1D	2118N 10551E	0616	25X1A	224-B
VINH YEN ARMY BARRACKS AND TRAINING AREA NORTH [REDACTED] 25X1D	2119N 10536E	0616	[REDACTED]	241-D
MY KHE MILITARY AREAS [REDACTED] 25X1D	2120N 10541E	0616		241-F
DA PHUC MILITARY CAMP NNW [REDACTED] 25X1D	2120N 10551E	0616	25X1A	224
XOM BAI ARMY BARRACKS NE THACH SON [REDACTED] 25X1D	2121N 10517E	0616	[REDACTED]	233-A
DUC THANG ARMY BARRACKS EAST [REDACTED] 25X1D	2121N 10559E	0616		204
VAN PHAI BARRACKS AREAS [REDACTED] 25X1D	2122N 10553E	0616	25X1A	205-A
DUC THANG ARMY BARRACKS NNW [REDACTED] 25X1D	2122N 10559E	0616	[REDACTED]	204-A

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
COT NGANH ARMY BARRACKS WEST [REDACTED] 25X1D	2124N 10551E	0616	[REDACTED]	303
COT NGANH BARRACKS NORTHEAST [REDACTED] 25X1D	2125N 10553E	0616		414
SEPT PAGODES BARRACKS & STORAGE AREA 0.6 NM ENE OF SEP PAGODES AT UTM XJ359351. AREA CONTAINS 3 LARGE PARTIALLY DISMANTELD WAREHOUSES, 1 SMALL WAREHOUSE, AND 25 DISMANTLED/PARTIALLY DISMANTLED BUILDINGS. AREA APPEARS ABANDONED. [REDACTED] 25X1D	2106N 10618E	0616		302
MAT SON BARRACKS AREA [REDACTED] 25X1D	2106N 10623E	0616	25X1A [REDACTED]	302-A1
CHU MAU PROBABLE BARRACKS AREA [REDACTED] 25X1D	2109N 10606E	0616		206-J
BAC NINH ARMY BARRACKS [REDACTED] 25X1D	2110N 10603E	0616		206-A
CO MANH MILITARY CAMP 1.5 NM SE OF CAO MANH AT UTM XJ507418. CAMP CONTAINS 10 BARRACKS AND 1 ADMINISTRATION BUILDING. OTHER PREVIOUSLY REPORTED BUILDINGS HAVE APPARENTLY BEEN DISMANTLED. [REDACTED] 25X1D 25X1D	2110N 10627E	0616		396
BAC GIANG MILITARY AREA [REDACTED] ID ONLY 25X1D [REDACTED]	2117N 10612E	0616		238-B

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
KEP HA ARMY BARRACKS SOUTH [REDACTED] ID ONLY 25X1D	2121N 10636E	0616		397-C
KEP HA ARMY BARRACKS NORTHEAST [REDACTED] 25X1D 25X1A	2123N 10637E	0616		397-A
LOC BINH ARMY SUPPLY DEPOT ONE ADMINISTRATION BUILDING HAS ROOF REMOVED. NO APPARENT CHANGE IN REMAINING FACILITIES SINCE BX [REDACTED] 25X1D 25X1A	2145N 10656E	0616		399
LANG SON ARMY BARRACKS [REDACTED] 25X1D	2150N 10645E	0616		119-C
LAO CAI ARMY BARRACKS [REDACTED] 25X1D	2229N 10358E	0616		5-E
LANG NHON BARRACKS AND STORAGE AREAS [REDACTED] 25X1D 25X1A	2225N 10401E	0616		328-I
BAC CAN ARMY BKS AND SUPPLY DEPOT [REDACTED] 25X1D	2208N 10550E	0616		295-A
NUOC HAI BARRACKS AND STORAGE AREAS [REDACTED] ID ONLY 25X1D	2244N 10609E	0616		439
-- ELECTRONICS/COMMUNICATIONS --				
TIEN YEN PROBABLE COMMUNICATION FACILITY [REDACTED] ID ONLY 25X1D	2119N 10724E	0615		104-A

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25X1A

NPIC/R-295/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI HF COMMUNICATIONS FAC PHU COC [REDACTED] 25X1D	2051N 10553E	0616		265-A
HA DONG RADAR FACILITY 1.5 NM SE OF HA DONG. FACILITY IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES [REDACTED] OB -- 1 PROBABLE FLAT FACE RADAR AND 1 SINGLE-AXLE GENERATOR TRAILER. [REDACTED] 25X1D	2056N 10547E	0616		256-J
NUI VIEN NAM AW/GCI FACILITY ON THE SUMMIT OF NUI VIEN NAM (MOUNTAIN) AT UTM WJ466170 AND 5.5 NM SW OF HOA LAC AIRFIELD. SITE IS OCCUPIED BY A HEAVILY CAMOUFLAGED PROBABLE BIG BAR RADAR. OB -- 1 PROBABLE BIG BAR RADAR, 2 VAN TRAILERS, AND 1 POSSIBLE K-32 CRANE. [REDACTED] 25X1D	2057N 10526E	0616	25X1A	420-L
HA NOI RADIO STATION DAI MO [REDACTED] 25X1D	2058N 10546E	0616		256-A
HA NOI HF COMMUNICATIONS FAC HA DONG [REDACTED] 25X1D	2058N 10547E	0616		256-H
HOA LAC AIRFIELD ILS COMPONENT [REDACTED] 25X1D	2059N 10532E	0616		244-D1
HA DONG AW/GCI FACILITY 6.5 NM WSW OF HA NOI AT UTM WJ759219. FACILITY IS UNOCCUPIED. PREVIOUSLY REPORTED BAR LOCK AND SIDE NET RADARS HAVE BEEN REMOVED SINCE [REDACTED] [REDACTED] 25X1D 25X1D	2059N 10543E	0616		256-I

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25X1A

NPIC/R-290/67

Target		Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI HF COMMUNICATIONS FAC NW	25X1D	2059N 10547E	0616		112-J
HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY	25X1D	2059N 10549E	0616		112-E3
HANOI/BAC MAI AW/GCI FACILITY	25X1D	2059N 10550E	0616		112-E1
THUAN TON AIR WARNING RADAR FACILITY	25X1D	2059N 10556E	0616		112-V
HAI PHONG HF COMMUNICATIONS FAC	25X1D	2052N 10642E	0616		109-D1
HA NOI HF COMMUNICATIONS FAC SON DONG	25X1D	2102N 10541E	0616		462-F
HA NOI RADIO COMMUNICATION STATION NORTHWEST	25X1D	2103N 10548E	0616		112-N
SOUTH EDGE OF DONG KHO AT UTM WJ835294. FACILITY CONSISTS OF 3 PROBABLE HORIZONTAL DIPOLE ANTENNAS AND AN ADJACENT CONTROL/SUPPORT AREA CONTAINING APPROXIMATELY 20 BARRACKS/SUPPORT BUILDINGS. THE PREVIOUSLY REPORTED PROBABLE FISHBONE ANTENNA HAS BEEN REMOVED.					
DUC NOI AIR WARNING RADAR FACILITY		2108N 10553E	0616		221-K1
1.2 NM SSW OF DUC NOI AT UTM WJ932371. SITE CONSISTS OF 2 LARGE REVETMENTS EACH OCCUPIED BY AN UNIDENTIFIED OBJECT. THE CONFIGURATION IS SIMILAR TO THE VAN TRUCK-MOUNTED FLAT FACE RADAR AND ASSOCIATED SMALL GENERATOR OFTEN OBSERVED WITHIN THIS TYPE OF REVETMENTS. OB -- 2 UNIDENTIFIED OBJECTS.					

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25X1D	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
[REDACTED]					
DONG LAI/PHUC YEN AW/GCI FACILITY 1 NM SOUTH OF PHUC YEN AIRFIELD AT UTM WJ833452. FACILITY IS UNOCCUPIED. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	25X1D 25X1D	2112N 10548E	0616		326-F
NOI BAI RADIO BROADCAST STATION [REDACTED]	25X1D	2112N 10548E	0616		326-G
PHUC YEN ILS COMPONENT [REDACTED]	25X1D	2114N 10544E	0616		326-H
PHUC YEN/DUC HAU AW/GCI FACILITY [REDACTED] ID ONLY	25X1D	2114N 10553E	0616		326-L
-- INDUSTRY --					
HA NOI RUBBER PRODUCTS PLANT [REDACTED]	25X1D	2058N 10548E	0616		112-X
HA NOI MV REPAIR AND REASSEMBLY PLANT [REDACTED]	25X1D	2059N 10548E	0616		112-U2
HAI PHONG CEMENT PLANT WEST EDGE OF HAI PHONG AT UTM XJ739079. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. PLANT REMAINS INOPERATIVE. [REDACTED]	25X1D 25X1D	2051N 10640E	0616		109-P1

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI LIGHT FAB AND MAINT FACILITY NGUYEN KHE 1.4 NM SOUTH OF NGUYEN KHE AT UTM WJ885386. FACILITY IS APPARENTLY BEING DISMANTLED. APPROXIMATELY 18 BUILDINGS REMAIN INTACT. OB -- 1 POSSIBLE VEHICLE. 25X1D [REDACTED]	2108N 10551E	0616		221-11
PHU THO CHEMICAL FERTILIZER PLANT LAM THAO [REDACTED] ID ONLY 25X1D	2119N 10517E	0616		233
VANG DANH ORE PROCESSING NEW [REDACTED] ID ONLY 25X1D	2107N 10647E	0616		308-A
TINH TUC TIN SMELTER AND REFINERY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67, IN CLOUD-FREE AREAS. 25X1D [REDACTED]	2239N 10552E	0616		293
-- BASIC SERVICES --				
HA DONG TRANSFORMER STATION [REDACTED] 25X1D	2057N 10545E	0616		256-L
HAI PHONG THERMAL POWERPLANT WEST NW EDGE OF HAI PHONG AT UTM XJ738078. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. PLANT REMAINS INOPERATIVE. 25X1D [REDACTED] 25X1D	2051N 10640E	0616		109-P
HAI PHONG RR STATION CLASS YD & SHOPS NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. ACTIVITY -- 8 PIECES OF ROLLING STOCK. 25X1A [REDACTED] 25X1D	2051N 10641E	0616		109-L

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG TRANSFORMER STATION 2.4 NM NW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM XJ719083. STATION CONSISTS OF A REVETTED CONTROL BUILDING, A REVETTED TRANSFORMER AREA (WITH TRANSFORMER REMOVED), 1 SWITCHING YARD, AN OPEN WATER TANK, 3 TRANSFORMER/CIRCUIT-BREAKER OIL STORAGE TANKS, 1 GANTRY CRANE, 1 PROBABLE ADMINISTRATION/MAINTENANCE BUILDING, AND 1 SECURITY BUILDING. INSTALLATION IS SECURED BY A WALL WITH A WATCHTOWER AT EACH CORNER AND 4 LIGHT TOWERS. [REDACTED] 25X1D	2052N 10639E	0616	[REDACTED]	109-26
HAI PHONG THERMAL POWERPLANT EAST 1.9 NM NE OF HAI PHONG AT UTM XJ782086. NO APPARENT CHANGE IN FACILITIES SINCE 67. PLANT REMAINS INOPERATIVE. [REDACTED] 25X1D	2052N 10642E	0616	[REDACTED]	109-0
PHAM XA RR CLASSIFICATION YARD 0.2 NM NW OF PHAM XA AT UTM XJ512191. ALL 3 TRACKS OF RAIL YARD APPEAR REPAIRED AND SERVICEABLE. PASSENGER TERMINAL AND SUPPORT BUILDINGS ARE DESTROYED. ACTIVITY -- NONE OBSERVED. [REDACTED] 25X1D	2058N 10627E	0616	[REDACTED]	427-8
HA NOI RR CAR REPAIR SHOPS GIA LAM 2.8 NM NE OF HA NOI. ALL CAR REPAIR SHOPS APPEAR DAMAGED OR DESTROYED. THE YARD IS SERVICEABLE. ACTIVITY -- 22 PIECES OF ROLLING STOCK. [REDACTED] 25X1D	2103N 10553E	0616	[REDACTED]	114-C

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25X1A

25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
YEN VIEN RR CLASSIFICATION YARD NO APPARENT CHANGE IN FACILITIES SINCE 67 EXCEPT 2 THROUGH TRACKS APPEAR SERVICEABLE. ACTIVITY -- 20 PIECES OF DAMAGED/DESTROYED ROLLING STOCK. [REDACTED] 25X1D [REDACTED]	2105N 10555E	0616	[REDACTED]	407-A
YEN VIEN RAIL YARD NO APPARENT CHANGE IN FACILITIES SINCE 67. ACTIVITY -- NONE OBSERVED. [REDACTED] 25X1D [REDACTED]	2107N 10552E	0616	[REDACTED]	221-N
HA NOI TRANSFORMER STATION DONG ANH [REDACTED] 25X1D 25X1A	2108N 10550E	0616	[REDACTED]	221-I
HA NOI/LAO CAI RR SEGMENT 5 ENTIRE RAIL SEGMENT OBSERVED AND APPEARS SERVICEABLE. ACTIVITY -- APPROXIMATELY 85 PIECES OF ROLLING STOCK. [REDACTED] 25X1D [REDACTED]	2110N 10548E	0616	[REDACTED]	113-G
VIET TRI RAILROAD YARD [REDACTED] ID ONLY 25X1D [REDACTED]	2118N 10526E	0616	[REDACTED]	262-G
HA NOI/PING-HSIANG RR SEG 3 ENTIRE RAIL SEGMENT COVERED. POOR INTERPRETABILITY PRECLUDES DETERMINATION OF SERVICEABILITY. ACTIVITY -- APPROXIMATELY 85 PIECES OF ROLLING STOCK. [REDACTED] 25X1D 25X1A	2110N 10604E	0616	[REDACTED]	297-A
HA NOI/PING-HSIANG RR SEG 2 ENTIRE RAIL SEGMENT COVERED, ALTHOUGH ONLY 8.5 NM (BETWEEN 21-33N 106-30E AND 21-39N 106-35E) OBSERVED ON INTERPRETABLE PHOTOGRAPHY. ACTIVITY -- 1 LOCOMOTIVE AND APPROXIMATELY 150 PIECES OF ROLLING STOCK. [REDACTED] 25X1D	2132N 10627E	0616	[REDACTED]	211-A

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LANG GIAI RAILROAD YARD 9.7 NM SSW OF LANG GIAI AT UTM XK723001. RAIL YARD HAS BEEN SUBJECTED TO AIRSTRIKES. LOCOMOTIVE REPAIR SHOP AND RAIL STATION ARE DESTROYED AND STUB LINE IS INTERDICTED. TURNING WYE AND ALL 4 THROUGH TRACKS APPEAR SERVICEABLE. ACTIVITY -- 33 PIECES OF APPARENTLY SERVICEABLE ROLLING STOCK AND 14 PIECES OF DESTROYED ROLLING STOCK. [REDACTED] 25X1D 25X1A	2141N 10639E	0616	[REDACTED]	223
HA NOI/PING-HSIANG RR SEG 1 ENTIRE RAIL SEGMENT OBSERVED AND APPEARS SERVICEABLE. ACTIVITY -- 13 LOCOMOTIVES, APPROXIMATELY 410 PIECES OF ROLLING STOCK, AND 1 PROBABLE RAIL-MOUNTED CANTILEVER CRANE (INCLUDING CAR COUNT FOR DONG DANG RAIL YARD). [REDACTED] 25X1D 25X1D	2145N 10644E	0616	[REDACTED]	223-A
DONG DANG RAILROAD YARD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. ACTIVITY -- 11 LOCOMOTIVES AND 121 PIECES OF ROLLING STOCK. [REDACTED] 25X1D 25X1A	2156N 10641E	0616	[REDACTED]	357
LAO CAI RAILROAD CLASSIFICATION YARD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. ACTIVITY -- 39 PIECES OF ROLLING STOCK. [REDACTED] 25X1D 25X1A	2229N 10359E	0616	[REDACTED]	5-L
HA NOI/LAO CAI RR SEGMENT 1 RAIL SEGMENT COVERED FROM LAO CAI (22-30N 103-58E) TO 22-13N 104-17E. ACTIVITY -- APPROXIMATELY 60 PIECES OF ROLLING STOCK IN THE LAO CAI RAILROAD YARD. [REDACTED] 25X1D	2220N 10410E	0616	[REDACTED]	328-N

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25X1A

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-- NAVAL/PORT FACILITIES --				
CAT BA COASTAL TRANSSHIPMENT POINT WEST SIDE OF CAT BA. FACILITIES CONSIST OF 1 HEAVILY DAMAGED T-HEAD PIER AND 1 HEAVILY CRATERED QUAY. AREA IS INACTIVE. VESSELS -- NONE OBSERVED. [REDACTED] 25X1D 25X1A	2043N 10703E	0615	[REDACTED]	110-A
HA TOU BOAT REPAIR YARD [REDACTED] ID ONLY 25X1D [REDACTED]	2055N 10709E	0615	[REDACTED]	109-E
HON GAI PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D VESSELS -- 1 LARGE FREIGHTER TIED TO PIER AND 1 LARGE FREIGHTER ANCHORED IN HARBOR. [REDACTED] 25X1D	2057N 10705E	0615	[REDACTED]	109-A
AP DA CHONG BARGE YARD 10.7 NM ENE OF HO GAI PORT FACILITY ON THE CHENAL DU CHATEAU RENAUD. YARD CONSISTS OF A SMALL CAMOUFLAGED FLOATING DOCK, 3 GRIDIRONS (CAREENING GRIDS) ON A MUDFLAT BETWEEN 2 KARST HILLS, AND 1 POSSIBLE GRIDIRON ON THE WESTERN EDGE OF THE TIDAL FLAT. VESSELS -- NONE OBSERVED. [REDACTED] 25X1D 25X1A	2100N 10715E	0615	[REDACTED]	109-F
CAM PHA PORT FACILITIES NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D VESSELS -- 1 FREIGHTER TIED TO PIER. [REDACTED] 25X1D 25X1A	2102N 10722E	0615	[REDACTED]	106
PORT WALLUT NAVAL BASE IN A COVE ON THE NW COAST OF THE ISLE DE KE-BAO (ISLAND) 15 NM NE OF CAM PHA AT UTM YJ671462. BASE HAS BEEN SUBJECTED TO AIRSTRIKES. QUAY AND BOTH MARINE RAILWAYS ARE DAMAGED AND APPEAR UNSERVICEABLE. [REDACTED] 25X1A	2112N 10734E	0615	[REDACTED]	103-C

NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
THREE BUILDINGS REMAIN INTACT, ALL OTHERS ARE DAMAGED OR DESTROYED. ONE PROBABLE PORTAL CRANE OBSERVED ON QUAY. INSTALLATION APPEARS INACTIVE. OB -- 2 CAMOUFLAGED POSSIBLE COMBATANTS, 1 AT UTM YJ654345 AND THE OTHER AT YJ558045. [REDACTED] 25X1D 25X1D			25X1A	
KIEN AN SHIPYARD PHUONG CHU NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. VESSELS -- 5 BARGES UNDER CONSTRUCTION. [REDACTED] 25X1D	2050N 10634E	0616		109-25
HAI PHONG SHIPYARD LACH TRAY 2 NM WSW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM XJ727054. THE SHIPYARD CONSISTS OF 2 AREAS, BOTH OF WHICH HAVE BEEN SUBJECTED TO AIRSTRIKES. AREA A -- 4 TIDAL DRYDOCKS, 2 WITH SUPERFICIAL DAMAGE. AREA B -- 6 SUPPORT BUILDINGS (4 DESTROYED, 2 WITH STRUCTURAL DAMAGE), 1 GRAVING DOCK (SUPERFICIAL DAMAGE), 2 PROBABLE REPAIR WAYS (DESTROYED), AND 1 TIDAL DRYDOCK (SUPERFICIAL DAMAGE). [REDACTED] 25X1D	2050N 10639E	0616		109-C2
HAI PHONG SHIPYARD VINH KHE SOUTHWEST EDGE OF HAI PHONG ON THE WESTERN BANK OF THE SONG DAO LACH TRAY (RIVER) AT UTM XJ732061. SMALL SHIPBUILDING FACILITY CONTAINS AT LEAST 2 MARINE RAILWAYS, 3 COVERED SHOPS, AND MATERIAL IN OPEN STORAGE. VESSELS -- 3 MEDIUM DRY CARGO BARGES AND 1 SMALL DRY CARGO BARGE UNDER CONSTRUCTION. [REDACTED] 25X1D	2050N 10639E	0616		109-C3

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG CHANNEL ENTIRE TARGET AREA COVERED. VESSELS -- 1 GENERAL CARGO FREIGHTER AND A POLTAVA MERCHANT VESSEL AT ANCHOR AT UTM XJ913012 WITH DECK CARGO OF EIGHT 27 X 7-FT CYLINDRICAL STORAGE TANKS AND 6 TRUCKS. [REDACTED] 25X1D	2050N 10640E	0616	25X1A	109-C
HAI PHONG SHIPYARD WEST WEST BANK OF SONG TRAM BAC (RIVER) AT UTM XJ732065. AREA HAS BEEN SUBJECTED TO AIRSTRIKES. ALL SUPPORT BUILDINGS ARE DESTROYED, THE EDGE OF THE WET DOCK HAS RECEIVED AT LEAST 2 HITS, THE COVERING OF THE 2 BUILDING WAYS IS DESTROYED, AND 1 GRAVING DOCK IS DAMAGED. [REDACTED] 25X1D	2051N 10639E	0616		109-P5
HAI PHONG SHIP REPAIR YARD NO 2 SACRIC WEST BANK OF THE SONG TRAM BAC (RIVER) AT UTM XJ738067. YARD HAS BEEN SUBJECTED TO AIRSTRIKES. THE LAUNCHING BASIN IS EXTENSIVELY CRATERED, THE SIDE-LAUNCHING WAYS ARE HEAVILY DAMAGED, AND AT LEAST 8 BUILDINGS ARE DESTROYED/STRUCTURALLY DAMAGED. [REDACTED] 25X1D	2051N 10640E	0616		109-P3
HAI PHONG SHIP REPAIR YARD NO 3 SAUVAGE AT THE JUNCTION OF THE COMPURE DE HALY AND THE SONG TRAM BACH (RIVER) AT UTM XJ743069. YARD CONTAINS 2 GRAVING DOCKS, 1 MOORING BASIN, 4 PROBABLE SHOPS, AND 4 FLOATING FITTING-OUT WHARVES. VESSELS -- NONE OBSERVED. [REDACTED] 25X1D	2051N 10640E	0616		109-P4
DOANG XA NAVAL DISPERSAL FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D 67. OB -- 1 SWATOW PGM AND 1 YP. 25X1D [REDACTED]	2051N 10644E	0616		426-A

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>LAM DONG NAVAL DISPERSAL FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. OB -- 1 S.O.-1 SC AND 3 UNIDENTIFIED COMBATANTS. [REDACTED] 25X1D</p>	2052N 10638E	0616	25X1A	536
<p>HAI PHONG NAVAL BASE AT THE MOUTH OF THE SONG TRAM BACH (RIVER) ON THE NW SIDE OF HAI PHONG IMMEDIATELY EAST OF HAI PHONG SHIPYARD NO 4 DANCETTE AT UTM XJ747077. BASE CONTAINS A GRAVING DOCK (APPROXIMATELY 165 X 63 FT), 3 MARINE RAILWAYS, A LARGE ADMINISTRATION BUILDING AND NUMEROUS SUPPORT BUILDINGS, A T-HEAD PIER AND FINGER PIER ON THE CUA CAM (RIVER), AND AN APPROXIMATE 210-FT WHARF ON THE WEST BANK OF THE SONG TRAM BACH. OB -- 1 S.O.-1 SC, 1 P-6 PT (SUNK AT FINGER PIER), AND 1 SWATOW PGM (STRIPPED). [REDACTED] 25X1D 25X1D</p>	2052N 10640E	0616	[REDACTED]	109-E
<p>HAI PHONG SHIPYARD NO 4 DANCETTE NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] VESSELS -- 1 FLOATING DRYDOCK, 2 LARGE DRY CARGO BARGES, 2 SMALL DRY CARGO BARGES, AND 3 SMALL RIVER CRAFT. [REDACTED] 25X1D 25X1A</p>	2052N 10640E	0616	[REDACTED]	109-Q
<p>HAI PHONG PORT FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] OB -- 1 S.O.-1 SC, 2 POSSIBLE P-4 PT, 1 SWATOW PGM, 1 CAU CAM YP, 3 SL-1, 1 LARGE-HATCH FREIGHTER, 8 GENERAL CARGO FREIGHTERS, AND 1 ATLANT SALVAGE TUG (155 FT LONG). (SEE ATTACHMENT) [REDACTED] 25X1D 25X1D</p>	2052N 10642E	0616	[REDACTED]	109-D

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>HAI PHONG ICE PLANT WHARF NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. OB -- 5 P-6 PT AND 1 SL-1. OTHER VESSELS -- 1 GENERAL CARGO FREIGHTER. [REDACTED] 25X1D</p> <p>CO PHUC SHIPYARD NORTH EDGE OF CO PHUC ON THE SOUTH BANK OF THE SONG KINH MON (RIVER) AT UTM XJ603174. SMALL SHIPYARD CONTAINS 6 SMALL BUILDINGS, A FURNACE, AND A OPEN STORAGE YARD CONTAINING UNIDENTIFIED MATERIAL. VESSELS -- 3 BARGES UNDER CONSTRUCTION. 25X1D [REDACTED]</p> <p>NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH 25X1D [REDACTED] ID ONLY 25X1D</p> <p>HA NOI PORT FACILITIES RED RIVER NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. VESSELS -- NUMEROUS SMALL CRAFT. [REDACTED] 25X1D</p> <p>THUONG THUY SHIPYARD 2.5 NM WEST OF THUONG THUY AT UTM WJ768319. FACILITIES CONSISTS OF 11 SUPPORT BUILDINGS, AT LEAST 1 CRANE, AND A SIDE LAUNCHING WAY. VESSELS -- NONE OBSERVED. [REDACTED] 25X1D</p>	<p>2052N 10642E</p> <p>2057N 10632E</p> <p>2059N 10643E</p> <p>2100N 10552E</p> <p>2105N 10545E</p>	<p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>25X1A</p> <p>25X1A</p>	<p>109-D2</p> <p>427-E</p> <p>249-D</p> <p>112-S</p> <p>112-Q3</p>

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NPIC/R-290/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-- STORAGE --				
CAT BA ISLAND CAVE STORAGE 25X1D [REDACTED] ID ONLY	2043N 10703E	0615	25X1A	110-B
HON GAI EXPLOSIVES STORAGE [REDACTED] ID ONLY 25X1D	2059N 10706E	0615	[REDACTED]	109-C
DONG BAI SUPPLY DEPOT 2 STORAGE AREAS IN THE VICINITY OF DONG BAI ON ROUTE 6. AREA A (1.8 NM WNW AT UTM WJ520082) -- 16 STORAGE BUILDINGS AND EXTENSIVE VEHICLE TRACKS. AREA B (ON BOTH SIDES OF ROUTE 6 AT UTM WJ532077) -- 8 STORAGE BUILDINGS. [REDACTED] 25X1D	2052N 10530E	0616	[REDACTED]	261-B
BANG SO PETROLEUM PRODUCTS STORAGE PUG [REDACTED] ID ONLY 25X1D	2053N 10553E	0616	25X1A	266-H
VAN DIEN ARMY SUPPLY DEPOT 0.8 NM SOUTH OF VAN DIEN COMPLEX. DEPOT CONSISTS OF 6 AREAS. AREA A (UTM WJ880156) -- STORAGE AREA HAS BEEN DESTROYED. AREA B (UTM WJ883154) -- BARRACKS AREA CONTAINS 3 BARRACKS AND 4 SUPPORT BUILDINGS. AREA C (UTM WJ880152) -- BARRACKS AND STORAGE AREA CONSISTS OF 14 BARRACKS/STORAGE BUILDINGS AND 14 SUPPORT BUILDINGS. AREA D (UTM WJ882146) -- BARRACKS AREA CONTAINS 10 BARRACKS, 3 MULTISTORY ADMINISTRATION BUILDINGS (1 DAMAGED), AND 5 SUPPORT BUILDINGS. AREA E (UTM WJ885148) -- BARRACKS AND STORAGE AREA CONTAINS 4 STORAGE BUILDINGS, 4 PARTIALLY DAMAGED STORAGE BUILDINGS, AND 4 SUPPORT BUILDINGS. A RAZED BUILDING AREA IS NOW USED FOR VEHICULAR PARKING, (16 VEHICLES OBSERVED). AREA F (UTM WJ883143) -- BARRACKS AND STORAGE AREA CONTAINS 5 BARRACKS, AT LEAST 10 PROBABLE STORAGE BUILDINGS, AND 16 SUPPORT BUILDINGS.	2055N 10551E	0616	[REDACTED]	266-C

25X1A

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NPIC/R-290/67

25X1D	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
[REDACTED]	[REDACTED]				
VAN LA STORAGE DEPOT SOUTH	25X1D	2056N 10545E	0616		256-D
[REDACTED]					
HA NOI PETROLEUM PRODUCTS STGE UG THANH LIET	25X1D	2058N 10549E	0616		112-U1
[REDACTED]					
HA NOI STORAGE AREA BAC MAI 2.1 NM SOUTH OF HA NOI RAILROAD CLASSIFICATION YARDS AT UTM WJ877208. PARTIALLY SECURED AREA CONTAINS APPROXIMATELY 30 DAMAGED/DESTROYED BUILDINGS.	25X1D	2059N 10550E	0616		112-U
[REDACTED]					
PHU LUU STORAGE AREA	25X1D	2038N 10620E	0616		393
[REDACTED]					
HAI PHONG POL TANK AND DRUM FABRICATION 1.5 NM SW OF HAI PHONG AT 20-50-15N 106-40-18E, UTM XJ740049. FACILITY CONSISTS OF 3 BARRACKS-TYPE BUILDINGS, 4 VEHICLE MAINTENANCE BUILDINGS, AND 6 SUPPORT BUILDINGS. ACTIVITY -- 28 POL TANKS IN VARIOUS STAGES OF FABRICATION.	25X1D	2050N 10640E	0616		109-C1
[REDACTED]					
HAI PHONG WAREHOUSE AREA SOUTHEAST ON SE EDGE OF HAI PHONG AT UTM XJ762058. LARGE WALLED STORAGE AREA CONTAINS 14 LARGE WAREHOUSES, 9 SMALL SUPPORT BUILDINGS, AND A BUILDING WITH MANY ROOF VENTS.	25X1D	2050N 10641E	0616		109-C4
[REDACTED]					

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG WAREHOUSE AREA WEST WEST EDGE OF HAI PHONG AT UTM XJ733074. LARGE PARTIALLY FENCED STORAGE AREA CONTAINS 24 WAREHOUSES AND 8 SUPPORT BUILDINGS. FACILITY IS BOTH ROAD AND WATER SERVED AND HAS 5 BOAT LANDINGS ON THE NE SHORE OF THE SONG TRAM BACH. [REDACTED] 25X1D	2051N 10639E	0616		109-P2
HAI PHONG PETROLEUM PRODUCTS STORAGE [REDACTED] 25X1D	2053N 10640E	0616		109-M
KE SAT MILITARY STORAGE AREA [REDACTED] 25X1D	2054N 10606E	0616		311
THAI LAI PETROLEUM PRODUCTS STORAGE [REDACTED] ID ONLY 25X1D	2055N 10637E	0616		427-A
HOANG LO STORAGE AREA [REDACTED] ID ONLY 25X1D	2055N 10654E	0616		249-H
THI CAM POL STORAGE [REDACTED] 25X1D	2101N 10545E	0616		462-B1
HA NOI STORAGE DEOPT CO BI NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 67. OB -- 3 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D	2101N 10555E	0616		114-B
HA NOI STORAGE AREA GIA THUONG [REDACTED] 25X1D	2103N 10553E	0616		114-D

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Target		Coordinates	WAC	Target Numbers	
				BE	NPIC
THAP THUAN EXPLOSIVES STORAGE AREA		2104N 10539E	0616		462-H
[REDACTED]	25X1D			25X1A	
SON DONG STORAGE		2105N 10530E	0616		244-C
[REDACTED]	25X1D				
THUONG CAT PETROLEUM PRODUCTS STORAGE		2105N 10545E	0616		112-Q1
[REDACTED]	25X1D				
HA NOI PETROLEUM PRODUCTS STORAGE DUC NOI		2107N 10552E	0616		221-K
[REDACTED] ID ONLY	25X1D				
HUNG VI MILITARY STORAGE AREA		2113N 10512E	0616		385-C
[REDACTED]	25X1D				
HA GIA PET PRODUCTS STORAGE SSW UG		2116N 10550E	0616		326-E
[REDACTED]	25X1D				
VINH YEN AMMUNITION DEPOT		2118N 10538E	0616		241-E
[REDACTED]	25X1D				
HUU THU TRAINING SITE		2122N 10540E	0616		321-A
[REDACTED] ID ONLY	25X1D				
CANH THUY PROBABLE STORAGE AREA		2112N 10615E	0616		526
[REDACTED] ID ONLY	25X1D				
CAM LY AMMUNITION DEPOT		2112N 10624E	0616		496
[REDACTED]	25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
VAN LINH STORAGE SOUTHEAST [REDACTED] ID ONLY 25X1D	2137N 10634E	0616	[REDACTED]	495-A
LOC BINH STORAGE AREA [REDACTED] 25X1D	2141N 10657E	0616		399-B
LAO CAI STORAGE AREAS [REDACTED] 25X1D	2230N 10359E	0616		5-M
DONG DANG MILITARY STORAGE AREA 4 NM NNW OF DONG DANG, NORTH VIETNAM, AND 7 NM SSW OF PING-HSIANG, CHINA. CIVILIAN IN APPEARANCE, THE INSTALLATION CONSISTS OF 2 AREAS. AREA A (UTM XK725361) -- 30 SMALL BARRACKS, 1 ADMINISTRATION BUILDING, 2 STORAGE BUILDINGS, 2 PROBABLE VEHICLE MAINTENANCE AND REPAIR BUILDINGS, 4 PROBABLE MAINTENANCE BUILDINGS, 1 PROBABLE MESSHALL, AND 16 SUPPORT/STORAGE BUILDINGS. EXTENSIVE TRENCHING IS OBSERVED THROUGHOUT THE MAINTENANCE AND REPAIR AREA. AREA B (UTM XK723343) -- 6 PROBABLE STORAGE BUILDINGS AND 2 SUPPORT BUILDINGS AT THE BASE OF A HILL. [REDACTED] 25X1D	2200N 10640E	0616		357-A
-- URBAN COMPLEXES -- 25X1D				
TIEN YEN COMPLEX [REDACTED] 25X1D	2119N 10724E	0615	[REDACTED]	104-C
DIEN BIEN PHU COMPLEX [REDACTED] 25X1D	2122N 10301E	0616	[REDACTED]	105-G

25X1A

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NPIC/R-298/67

Target	25X1D	25X1A	Coordinates	WAC	Target Numbers	
					BE	NPIC
BAC BIANG COMPLEX			2116N 10611E	0616		238
		25X1A				
KEP COMPLEX	25X1D		2124N 10617E	0616		397-G
	ID ONLY	25X1A				
LANG SON COMPLEX			2151N 10645E	0616		119
RAIL BRIDGE AT UTM XK827151 SUBJECTED TO AIRSTRIKE AT NORTHERN APPROACH BUT REMAINS SERVICEABLE. RAIL BRIDGE AT XK838142 SUBJECTED TO AIRSTRIKE -- 2 SPANS REMAIN AND 3 SPANS ARE MISSING. FORD AT XK819168 IS WASHED OUT, AND THE MAIN RAIL/ROAD BRIDGE AT XK820169 IS BEING REPAIRED. OTHER FACILITIES SHOW NO APPARENT CHANGE SINCE [REDACTED]			25X1D			
ACTIVITY -- 3 LOCOMOTIVES, APPROXIMATELY 115 PIECES OF ROLLING STOCK, AND 15 VEHICLES OBSERVED WITHIN A 2-NM RADIUS OF THE COMPLEX.						
	25X1D	25X1A				
DONG DANG COMPLEX	25X1D		2156N 10642E	0616		357-E
NO APPARENT CHANGE IN FACILITIES SINCE 67.						
ACTIVITY -- 6 LOCOMOTIVES WITH TENDERS AND 123 PIECES OF ROLLING STOCK.						
	25X1D	25X1A				
LAO CAI COMPLEX	25X1D		2230N 10358E	0616		5
NO APPARENT CHANGE IN FACILITIES SINCE 67.						
ACTIVITY -- APPROXIMATELY 40 PIECES OF ROLLING STOCK AND 10 PROBABLE TRUCKS.						
	25X1D	25X1A				
CAO BANG COMPLEX			2239N 10615E	0616		104-A
		25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-- UNIDENTIFIED ACTIVITY --				
THAI NGUYEN U/I CONSTRUCTION ACTIVITY: 8 NM SOUTH OF THAI NGUYEN. AREA HAS BEEN SUBJECTED TO AIRSTRIKES. CONSTRUCTION ACTIVITY HAS APPARENTLY CEASED ON RAIL-SERVED UNIDENTIFIED INSTALLATION. THE RAIL SPURS ARE INTERDICTED AND 2 OF THE 3 BUILDINGS PREVIOUSLY REPORTED AS UNDER CONSTRUCTION OVER THE END OF EACH OF 3 EASTERNMOST RAIL SPURS REMAIN IN AN EARLY STAGE OF CONSTRUCTION. ACTIVITY -- 11 PIECES OF ROLLING STOCK (2 DAMAGED/DESTROYED). [REDACTED] 25X1D	2128N 10553E	0616		513-C
DONG DANG UNIDENTIFIED INSTALLATION U/C IN A CANYON 1,000 YARDS WEST OF NORTH VIETNAM/CHINA BORDER, WITH ROAD ACCESS FROM ROUTE 4. INSTALLATION CONSISTS OF A MAIN SECURED AREA WITH 4 LARGE FABRICATION/WAREHOUSE-TYPE BUILDINGS (1 WITH ROOF REMOVED AND ALL CONNECTED BY COVERED PASSAGeways), A BARRACKS AREA CONTAINING 18 BARRACKS IN 3 GROUPS OF INTERCONNECTED BUILDINGS, 7 PROBABLE ADMINISTRATION BUILDINGS, AND 12 SMALL SUPPORT BUILDINGS (2 REVETTED). [REDACTED] 25X1D	2200N 10640E	0616		357-B
-- MISCELLANEOUS --				
DISPERSED HOOK IN OPEN FIELD 3 NM NW OF THE HA NOI RAILROAD YARDS. ONE HOOK OBSERVED AT UTM WJ813217. [REDACTED] 25X1D	2103N 10547E	0616		000
CAM DAI POSSIBLE PRISON [REDACTED] 25X1D	2109N 10520E	0616		200-A
[REDACTED] 25X1D				

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ATTACHMENT 1



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PEI-LI AIR WARNING RADAR FACILITY, CHINA

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ATTACHMENT 2



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HA NOI SAM SITE A01-2 (133), NORTH VIETNAM

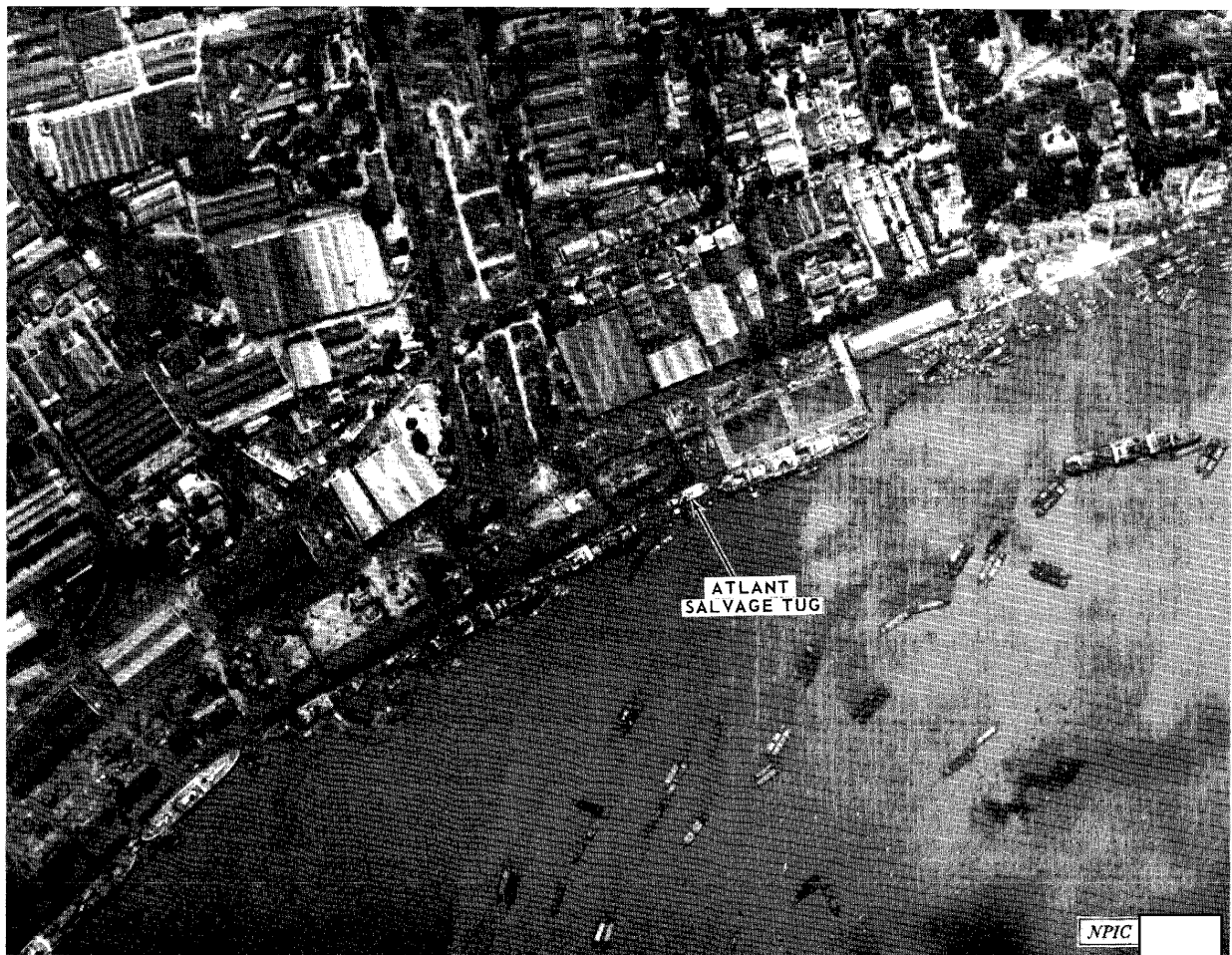
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ATTACHMENT 3



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ATLANT OCEAN-GOING SALVAGE TUG, HAI PHONG PORT, NORTH VIETNAM

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TO	NAME AND ADDRESS	INITIALS	DATE
1.	[Redacted] (C/Intel)		
2.			
3.		25X1D	
4.	<i>Boris</i> <i>Tell me</i>		[Redacted]
5.	<i>and make a</i>		
6.	<i>note in BX6732</i>		
7.	<i>folder of study in that</i>		
RETURN TO SENDER			
ACTION	CONCURRENCE	INFORMATION	
COMMENT	FILE	SIGNATURE	
REMARKS			
<p>Please review attached critically and prepare written comments as to</p> <ol style="list-style-type: none"> 1. adequacy/validity 2. completeness 3. format 4. recommendation <p>and return to me by 1200, Fri, 17 Nov.</p>			
FROM			
NAME AND ADDRESS		PHONE NO.	
[Redacted]		6847	
		DATE	

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